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PATENT
Customer No. 22,852
Attorney Docket No. 9090.0002-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Darin Wayne HIGGINS et al.)
)
Application No.: 09/821,587) Group Art Unit: 2672
)
Filed: March 29, 2001) Examiner: Jin-Cheng Wang
)
For: SYSTEM AND METHOD FOR)
SYNCHRONIZING RASTER AND)
VECTOR MAP IMAGES)

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Commissioner for Patents
Washington, DC 20231

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(c)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed after the events recited in Section 1.97(b) but, to the undersigned's knowledge, before the mailing date of either a Final action, Quayle action, or a Notice of Allowance. Under the provisions of 37 C.F.R. § 1.97(c), this Information Disclosure Statement is accompanied by a fee of \$180.00 as specified by Section 1.17(p).

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

Copies of the listed documents are attached.

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This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and Applicants determine that the cited document does not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed document, should the document be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: March 5, 2003

By: 

Leonard Smith, Jr.

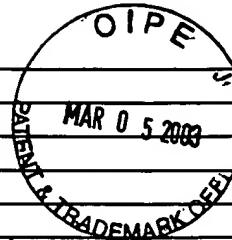
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INFORMATION DISCLOSURE CITATION

Atty. Docket No.	9090.0002-02	Appln. No.	09/821,587
Applicant	Darin Wayne HIGGINS et al.		
Filing Date	March 29, 2001	Group:	2672



U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	4,737,916	04/12/88	Ogawa et al.	364	443	
	6,321,158	11/20/01	DeLorme et al.	701	201	
	5,487,139	01/23/96	Saylor et al.	395	135	
	6,377,278	04/23/02	Curtright et al.	345	634	
	6,084,989	07/04/00	Eppler	382	293	
	5,247,356	09/21/93	Ciampa	358	109	
	5,884,216	03/16/99	Shah et al.	701	207	
	5,902,347	05/11/99	Backman et al.	701	200	
	5,596,494	01/21/97	Kuo	364	420	
	5,422,989	06/06/95	Bell et al.	395	133	
	5,592,375	01/07/97	Salmon et al.	395	207	
	5,467,271	11/14/95	Abel et al.	364	420	
	5,842,148	11/24/98	Prendergast et al.	702	34	
	4,885,706	12/05/89	Pate et al.	364	551.01	
	5,414,462	05/09/95	Veatch	348	135	

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FOREIGN PATENT DOCUMENTS

Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
WO 97/49027	12/24/97	Europe			
EP 0 619 554 A2	10/12/94	Europe			
EP 0 454 129 A2	10/30/91	Europe			
WO 90/14627	11/29/90	Europe			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Li et al., "Accuracy Assessment of Mapping Products Produced from the Star-3/ Airborne IFSAR System".
Fukunaga et al., "Image Registration Using an Image Graph and its Application to Map Matching," IEE Proceedings-E, Vol. 138, No. 2, March 1991
Wang, "Integrating GIS's and Remote Sensing Image Analysis Systems by Unifying Knowledge Representation Schemes," IEEE Transactions on Geoscience and Remote Sensing, Vol. 29, No. 4, p. 656-664, July 1991
Roux, "Automatic Registration of Spot Images and Digitized Maps," IEEE, p. 625-628, 1996

Examiner	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce